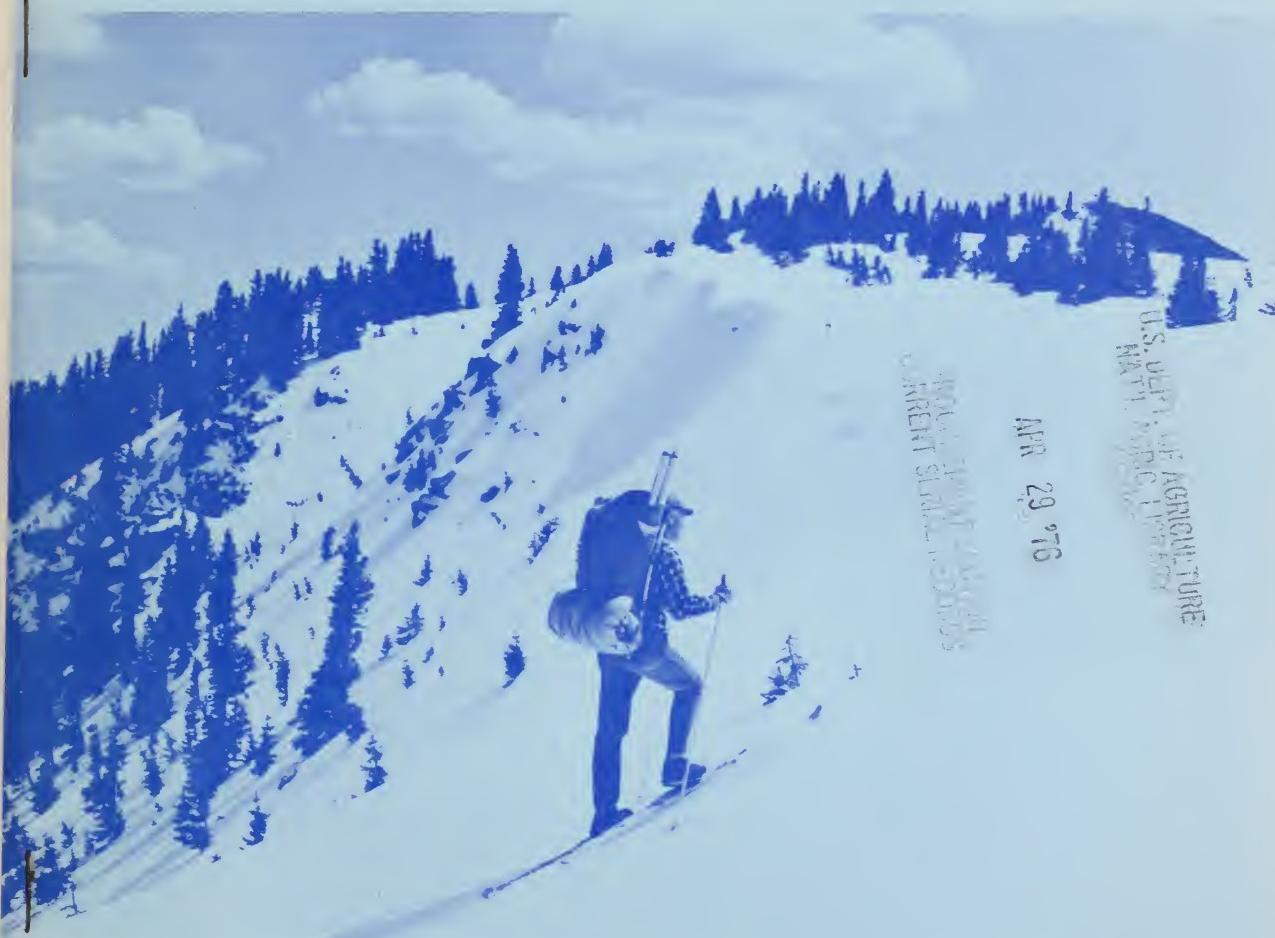


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WATER SUPPLY OUTLOOK FOR COLORADO AND NEW MEXICO



APR 29 '76

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

COLORADO STATE UNIVERSITY EXPERIMENT STATION
STATE ENGINEER of COLORADO
and STATE ENGINEER of NEW MEXICO

Data included in this report were obtained by the agencies named above in cooperation
with Federal, State and private organizations listed inside the back cover of this report.

AS OF
APR. 1, 1976

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE
SCS PHOTO AZ-5460

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR COLORADO AND NEW MEXICO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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- SOUTH PLATTE RIVER WATERSHED

Describes water supply conditions in Fort Collins, Big Thompson, Longmont, Boulder Valley, Jefferson, Teller-Park, Douglas County, Morgan, Kiowa, West Arapahoe, West Adams, East Adams, Platte Valley, Southeast Weld, and West Greeley Soil Conservation Districts.

WATERSHED II

- ARKANSAS RIVER WATERSHED

Describes water supply conditions in Lake County, Upper Arkansas, Fremont, Custer County Divide, Fountain Valley, Black Squirrel, Horse-Rush Creek, Central Colorado, Turkey Creek, Pueblo, Bessemer, Olney Boone, Cheyenne, Upper Huerfano, Stonewall, Spanish Peaks, Purgatoire, Branson Trinchera, Western Baca, Southeastern Baca, Two Buttes, Bent, Timpas, Northeast Prowers, Prowers, Kiowa County, West Otero, East Otero, and Big Sandy Soil Conservation Districts.

WATERSHED III

- RIO GRANDE WATERSHED (COLORADO)

Describes water supply conditions in Rio Grande, Center, Conejos, Mosca Hooper, Mt. Blanca, Sanchez, and Culebra Soil Conservation Districts.

WATERSHED IV

- RIO GRANDE WATERSHED (NEW MEXICO)

Describes water supply conditions in Upper Chama, East Rio Arriba, Taos, Lindrith, Jemez, Santa Fe - Pojoaque, Sandoval, Tijeras, Cuba, and Edgewood Soil Conservation Districts.

WATERSHED V

- DOLORES, SAN JUAN, AND ANIMAS RIVERS WATERSHED

Describes water supply conditions in San Miguel Basin. Dove Creek, Dolores, Mancos, LaPlata, Pine River, San Juan, San Miguel Basin, and Glade Park Soil Conservation Districts.

WATERSHED VI

- GUNNISON RIVER WATERSHED

Describes water supply conditions in Delta, Gunnison, Cimarron, Shavano, and Uncompahgre Soil Conservation Districts.

WATERSHED VII

- COLORADO RIVER WATERSHED

Describes water supply conditions in DeBeque, Plateau Valley, Lower Grand Valley, Bookcliff, Eagle County, Middle Park, Glade Park, Upper Grand Valley, South Side, and and Mt. Sopris Soil Conservation Districts.

WATERSHED VIII

- YAMPA, WHITE AND NORTH PLATTE RIVERS WATERSHED

Describes water supply conditions in Yampa, Moffat, West Routt, East Routt, North Park, White River, and Douglas Creek Soil Conservation Districts.

WATERSHED IX

- LOWER SOUTH PLATTE RIVER WATERSHED

Describes water supply conditions in Sedgwick, South Platte, Haxton, Peetz, Padroni, Morgan, Rock Creek, and Yuma Soil Conservation Districts.

APPENDIX I

- SNOW SURVEY MEASUREMENTS

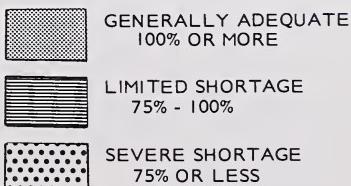
APPENDIX II

- SOIL MOISTURE MEASUREMENTS

WATER SUPPLY OUTLOOK

as of

APRIL 1, 1976



The map on this page indicates the most probable water supply as of the date of this report. Estimates assume average conditions of snow fall, precipitation and other factors from this date to the end of the forecast period. As the season progresses accuracy of estimates improve. In addition to expected streamflow, reservoir storage, soil moisture in irrigated areas, and other factors are considered in estimating water supply. Estimates apply to irrigated areas along the main streams and may not indicate conditions on small tributaries.

WATER SUPPLY CONDITIONS
as of
APRIL 1, 1976

FORECASTS OF WATER SUPPLIES ARE RELATIVELY UNCHANGED FROM LAST MONTH EXCEPT FOR NEW MEXICO WHERE FORECASTS WERE LOWERED. MOST OF COLORADO IS EXPECTED TO HAVE STREAMFLOW NEAR AVERAGE WITH TWO EXCEPTIONS. IN THE FRONT RANGE FROM CLEAR CREEK DRAINAGE IN THE SOUTH TO THE BIG THOMPSON DRAINAGE IN THE NORTH LIMITED WATER SHORTAGES ARE EXPECTED. STREAMS WITH HEADWATERS IN THE SAN JUAN MOUNTAINS SHOULD FLOW TEN TO TWENTY PERCENT ABOUT NORMAL. NEAR AVERAGE ACCUMULATIONS OF SNOW WERE RECEIVED DURING THE MONTH OF MARCH. THE MOUNTAIN SNOWPACK IS NOW VERY NEAR ITS MAXIMUM FOR THE SEASON.



COLORADO -- PROJECTED STREAMFLOW IS EXPECTED TO BE NEAR AVERAGE OVER MOST OF THE STATE. SNOWFALL IN THE MOUNTAINS DURING MARCH WAS NEAR NORMAL. A LOW SNOWPACK STILL EXISTS IN THE FRONT RANGE ON THE HEADWATERS OF CLEAR CREEK, ST. VRAIN, BOULDER, AND BIG THOMPSON DRAINAGES. SPRING AND SUMMER MELT-WATER FROM THE SAN JUAN MOUNTAINS SHOULD PRODUCE STREAMFLOW TEN TO TWENTY PERCENT ABOVE NORMAL BARRING ANY LARGE DEPARTURES FROM THE NORMAL SPRING PRECIPITATION PATTERN. RESERVOIR STORAGE IS AVERAGE FOR THIS TIME OF YEAR. SOIL MOISTURE IS FAIR TO POOR IN MOST IRRIGATED AREAS.



NEW MEXICO -- STREAMFLOW FORECASTS ON STREAMS ORIGINATING IN NEW MEXICO HAVE DROPPED FROM LAST MONTH AS A RESULT OF SLIGHTLY BELOW AVERAGE SNOWFALL DURING MARCH. STREAMFLOW SHOULD RANGE FROM TWENTY-FIVE PERCENT BELOW NORMAL ON THE JEMEZ AND SANTA CRUZ DRAINAGES TO FIFTEEN PERCENT ABOVE ON THE RIO GRANDE. THE HIGHER FLOWS ON THE RIO GRANDE REFLECT THE GOOD SNOWPACK IN THE SAN JUAN MOUNTAINS OF COLORADO. SOIL MOISTURE IN VALLEY AREAS REMAINS POOR IN MOST AREAS. RESERVOIR STORAGE IS HIGHLY VARIABLE.

**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
SOUTH PLATTE RIVER WATERSHED IN COLORADO**

as of

APRIL 1, 1976

**U.S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**



LEGEND

	Highway
	Drainage
○	Town
	Watershed Boundary
	Generally Adequate 100% or more
	Limited Shortage 75%-100%
	Severe Shortage 75% or less

YOUR WATER SUPPLY

STREAMFLOW FORECASTS ON THE SOUTH PLATTE AND ITS NORTHERN TRIBUTARIES WERE LOWERED DUE TO DEFICIENT SNOWFALL DURING MARCH. FLOWS ARE NOT FORECASTED AS CRITICAL BUT SEVERAL ARE IN THE 70% RANGE. SNOW CAN BE EXPECTED TO ACCUMULATE FOR ANOTHER MONTH UNDER NORMAL CONDITIONS. CARRYOVER STORAGE IS SLIGHTLY ABOVE NORMAL.

This report prepared by

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STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average*
Big Thompson River at Drake (1)	92	86	107
Boulder Creek at Orodell	36	73	49
Cache La Poudre River at Canyon Mouth (2)	210	85	247
Clear Creek at Golden (3)	92	72	127
St. Vrain Creek at Lyons (4)	60	80	75

(1) Observed flow plus by-pass to power plants. (2) Observed flow minus trans-basin diversions plus municipal and irrigation diversions. (3) Observed flow minus diversion through August P. Gummick Tunnel. (4) Observed flow plus change in storage in Price Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Bear Creek	Avg.	Fair
Coal Creek	Fair	Fair
North Fork of South Platte	Fair	Fair
North Fork of Cache La Poudre	Avg.	Fair
Ralston Creek	Fair	Fair
Rock Creek	Fair	Fair

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average*
Antero	33	16	16	14
Barr Lake	32	27	29	25
Black Hollow	8	5	5	4
Boyd Lake	44	38	37	38
Cache La Poudre	10	7	7	8
Carter Lake	109	102	107	95
Chambers Lake	9	3	4	3
Cheesman	79	47	44	59
Cobb Lake	34	16	17	15
Eleven Mile	98	97	97	88
Fossil Creek	12	7	8	8
Gross	43	19	19	28
Halligan	6	2	6	5
Horsetooth	144	121	103	111
Lake Loveland	14	10	10	10
Lone Tree	9	5	6	7
Mariano	5	5	5	5
Marshall	10	5	7	5
Marston	18	14	16	15
Milton	24	16	15	14
Standley	42	33	32	19
Terry	8	6	6	5
Union	13	11	12	10
Windsor	19	15	12	12

* 1958-1972 period.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Big Thompson	5	86	91
Boulder	3	78	82
Cache La Poudre	7	99	104
Clear Creek	6	69	81
Saint Vrain	3	75	82
South Platte	3	70	95

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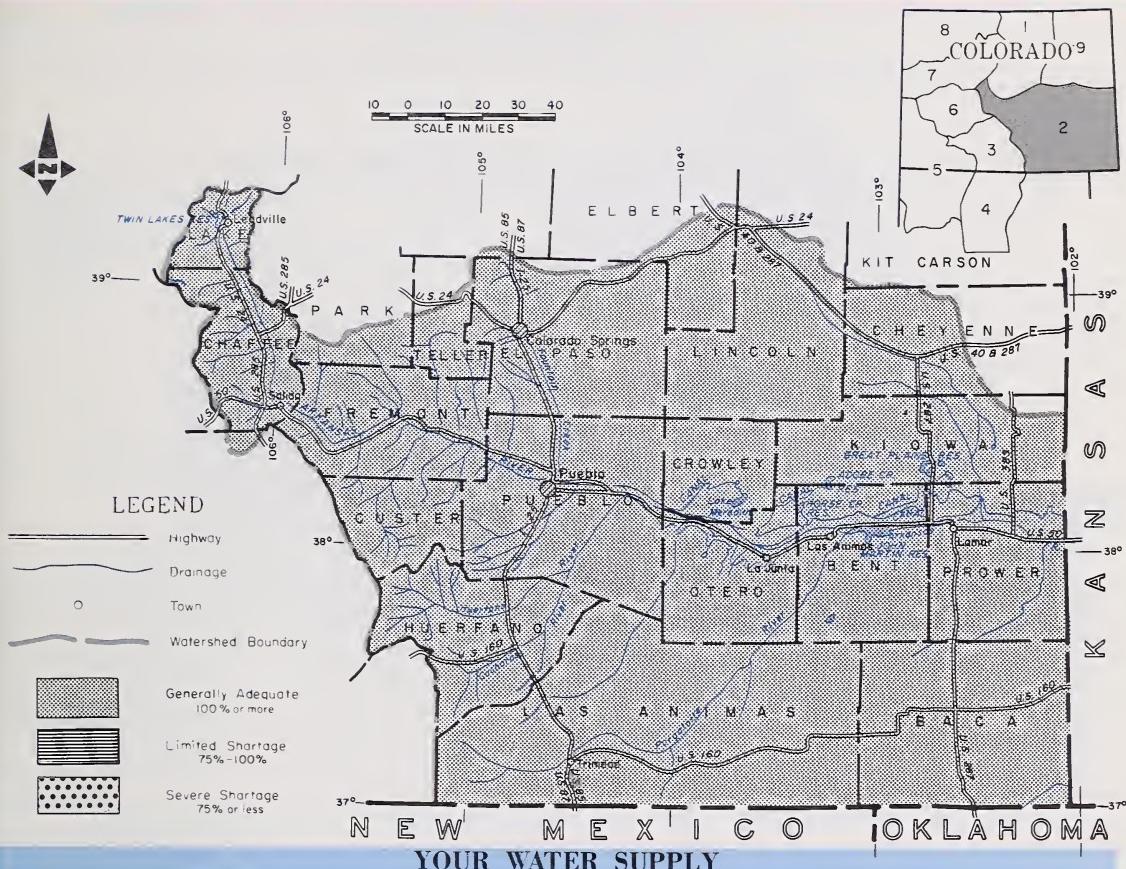
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"The Conservation of Water begins with the Snow Survey"

**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
ARKANSAS RIVER WATERSHED IN COLORADO**

as of
APRIL 1, 1976

**U.S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**



STREAMFLOW IS FORECAST TO BE NEAR TO SLIGHTLY BELOW AVERAGE ON ALL STREAMS.
SNOWFALL DURING MARCH WAS NEAR NORMAL. THE MOUNTAIN SNOWPACK IS NEAR MAXIMUM FOR THE SEASON AND WILL SOON BEGIN TO RELEASE ITS STORED WATER. SOIL MOISTURE IN IRRIGATED AREAS REMAINS POOR. CARRYOVER STORAGE IS MUCH BELOW NORMAL IN NEARLY ALL RESERVOIRS.

This report prepared by

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STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Arkansas River near Pueblo (1)	300	103	290
Arkansas River at Salida (1)	320	102	313
Cucharas River near La Veta	10	100	10
Huerfano River near Redwing	14	93	15
Purgatoire River at Trinidad	34	89	38

(1) Observed flow plus change in Clear Creek, Twin Lakes and Turquoise Reservoirs minus diversions through Bush Ivanhoe, Boustead, Divide, Twin Lakes and Homestake Tunnels and Ewing, Front Pass, Wurtz and Columbine ditches.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Apishapa River	Avg.	Avg.
Fountain Creek	Avg.	Avg.
Grape Creek	Avg.	Avg.
Hardscrabble Creek	Avg.	Avg.
Monument Creek	Avg.	Avg.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Arkansas	10	69	97
Cucharas	1	57	104
Purgatoire	1	58	94

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Adobe	62	0	0	17
Clear Creek	11	4	2	8
Cucharas	40	NA	0	3
Great Plains	150	0	0	61
Horse Creek	27	8	0	7
John Martin	354	10	8	91
Meredith	42	0	0	14
Model	15	0	0	4
Turquoise	121	45	38	--
Twin Lakes	58	17	16	26

NA-Not Available

* 1958-1972 period.

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**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
UPPER RIO GRANDE WATERSHED IN COLORADO**

as of

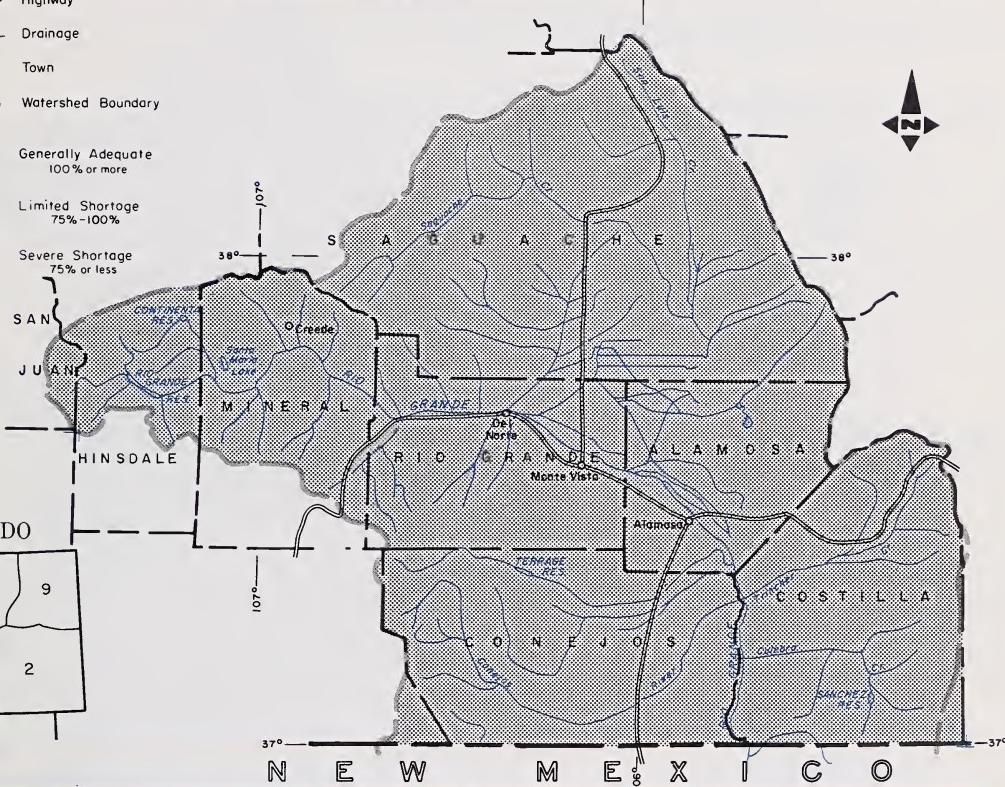
APRIL 1, 1976

**U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**

LEGEND

- Highway
- Drainage
- Town
- Watershed Boundary

10 0 10 20 30 40
SCALE IN MILES



YOUR WATER SUPPLY

THE SNOWFALL REMAINED ABOVE NORMAL DURING MARCH. FORECASTS ON THE RIO GRANDE STREAMS ARE ABOVE NORMAL EXCEPT ON THE EASTERN SIDE OF THE BASIN WHERE CULEBRA CREEK IS ONLY EXPECTED TO FLOW 90%. THIS SHOULD PROVIDE ADEQUATE WATER FOR ALL USERS. CARRYOVER STORAGE IS 124% OF NORMAL AND WILL PROVIDE A GOOD SUPPLEMENT. MORE SNOW COULD ACCUMULATE AT THE HIGHER LEVELS DURING APRIL.

This report prepared by

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U. S. DEPARTMENT OF AGRICULTURE — SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	* Average
Alamosa Creek above Terrace Reservoir	72	116	62
Conejos River near Mogote (1)	200	109	184
Culebra Creek at San Luis (2)	15	88	17
Rio Grande at 30 Mile Bridge (3)	130	107	121
Rio Grande near Del Norte (3)	525	112	468
South Fork of Rio Grande at South Fork	135	117	115

(1) Observed flow plus change in storage in Platoro Reservoir. (2) Observed flow plus change in storage in Sanchez Reservoir. (3) Observed flow plus change in storage in Santa Maria, Rio Grande and Continental Reservoirs.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Saguache Creek	Avg.	Avg.
Sangre de Cristo Cr.	Avg.	Avg.
Trinchera Creek	Avg.	Avg.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF		
		Last Year	Average	*
Alamosa	2	83	126	
Conejos	3	76	110	
Culebra	2	59	79	
Rio Grande	10	76	121	

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Continental	27	5	3	6
Platoro	60	14	19	9
Rio Grande	46	18	9	18
Sanchez	103	NA	7	14
Santa Maria	45	10	4	7
Terrace	18	10	5	6

NA-Not Available

* 1958-1972 period.

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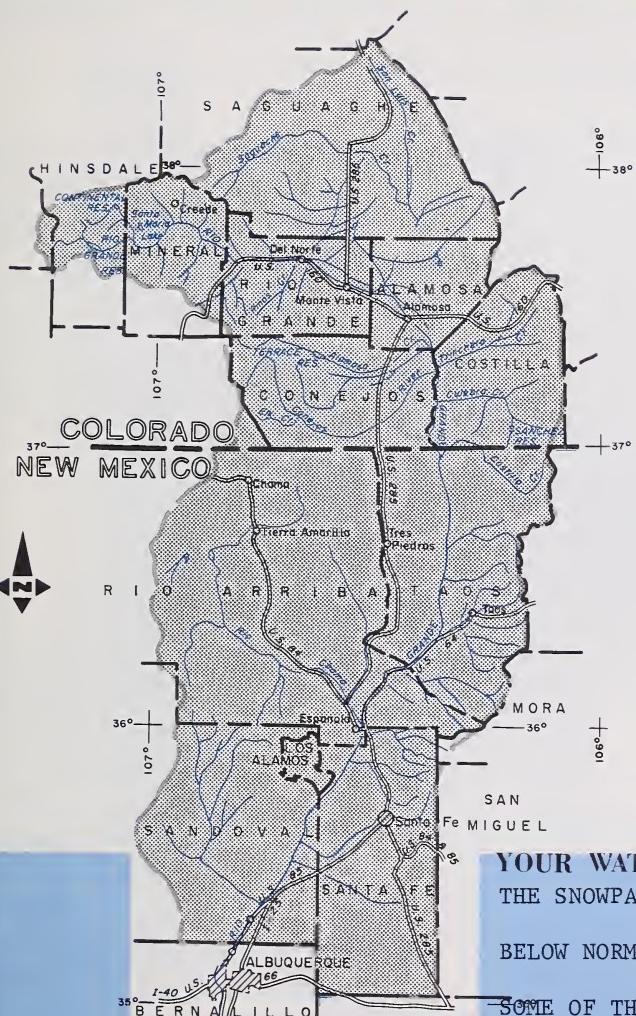
"The Conservation of Water begins with the Snow Survey"

**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
RIO GRANDE WATERSHED IN NEW MEXICO**

as of

APRIL 1, 1976

**U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**



LEGEND

- Highway
 - Drainage
 - Town
 - Watershed Boundary
 - Generally Adequate 100% or more
 - Limited Shortage 75%-100%
 - Severe Shortage 75% or less
- SCALE IN MILES

YOUR WATER SUPPLY
THE SNOWPACK IN NEW MEXICO IS GENERALLY
BELOW NORMAL. FLOWS WILL BE DEFICIENT ON
SOME OF THE SMALL STREAMS. STREAMS

ORIGINATING IN COLORADO ARE EXPECTED TO FLOW BETTER THAN NORMAL DUE TO THE
GOOD SNOWPACK. CARRYOVER STORAGE IS GOOD. THE SNOW SEASON IS CONSIDERED TO
BE OVER IN NEW MEXICO HOWEVER SOME HIGH ELEVATION ACCUMULATION COULD OCCUR.

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U.S. DEPARTMENT OF AGRICULTURE — SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) March—July

FORECAST POINT	FORE-CAST	% of Average	* Average
Costilla Creek at Costilla (1)	15	80	19
Jemez River near Jemez	22	76	29
Pecos River at Pecos	35	85	41
Red River at Mouth near Questa	25	86	29
Rio Chama at El Vado	200	105	190
Rio Grande at Oتowi (2)	600	114	526
Rio Grande at San Marcial (2)	425	120	355
Rio Hondo near Valdez	12	86	14
Santa Cruz River at Cundiyo	10	77	13

(1) Observed flow plus change in Costilla Reservoir. (2) Observed flow plus change in storage in El Vado and Abiquiu Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Embudo Creek	Fair	Fair
Mora River	Fair	Fair
Nambe Creek	Fair	Fair
Rio Ojo Caliente	Fair	Fair
Rio Pueblo de Taos	Fair	Fair
Santa Fe Creek	Fair	Fair

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage			*
		This Year	Last Year	Average	
Alamogordo	111	2	48	63	
Avalon	5	5	1	--	
Caballo	344	44	42	65	
Conchas	273	83	132	184	
El Vado	195	130	95	6	
Elephant Butte	2195	651	445	394	
McMillan	34	16	29	--	

* 1958-1972 period.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF		Last Year	Average *
		Last Year	Average *		
Pecos	1	7	15		
Red River	2	86	144		
Rio Chama	5	39	79		
Rio Grande, NM	11	47	80		
Rio Hondo	-	-	-		

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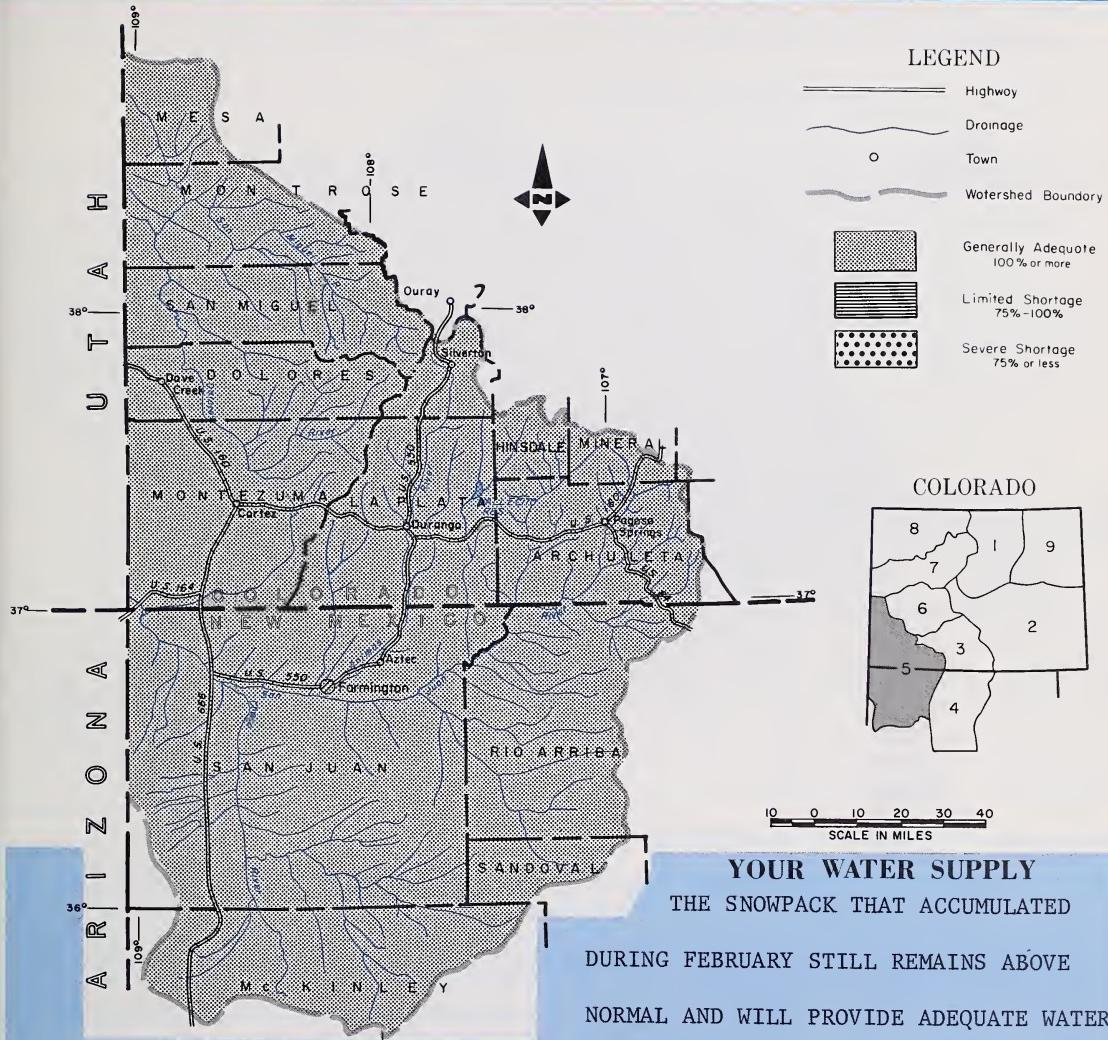


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**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
SAN MIGUEL, DOLORES, ANIMAS, AND SAN JUAN
WATERSHEDS IN COLORADO AND NEW MEXICO**

as of
APRIL 1, 1976

**U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**



YOUR WATER SUPPLY
THE SNOWPACK THAT ACCUMULATED
DURING FEBRUARY STILL REMAINS ABOVE
NORMAL AND WILL PROVIDE ADEQUATE WATER
SUPPLIES THIS SUMMER. ALL FORECASTS IN THE BASIN ARE HIGHER THAN THE 1958-72
NORMAL. CARRYOVER STORAGE IS 118% OF NORMAL AND SHOULD BE A GOOD SUPPLEMENTAL
SUPPLY. VALLEY SOIL MOISTURE IS REPORTED AS FAIR TO GOOD.

This report prepared by

JACK N. WASHICKER—BERNARD A. SHAFER
SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE
DENVER, COLORADO

Issued by

M. D. BURDICK—STATE CONSERVATIONIST

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O. W. GILLASPIE—AREA CONSERVATIONIST

ALAMOSA, COLORADO

JAMES E. TATUM—AREA CONSERVATIONIST

SANTA FE, NEW MEXICO

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Animas River at Durango	450	111	423
Dolores River at Dolores	255	116	232
La Plata River at Hesperus	24	121	24
Los Pinos River at Bayfield (1)	210	114	198
Mancos River near Towac	16	114	14
Inflow to Navajo River (1 & 2)	680	120	597
Piedra Creek at Arboles	215	119	185
San Juan River at Carracas	400	113	354
San Miguel River at Placerville	140	108	130

(1) Observed flow plus change in storage in Vallecito Reservoir. (2) April - July

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Florida River	Exc.	Avg.
Hermosa Creek	Exc.	Avg.
West Dolores River	Exc.	Avg.
Williams Creek	Exc.	Avg.

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Groundhog	22	9	8	10
Jackson Gulch	10	6	3	5
Lemon	40	20	5	20
Navajo	1696	1063	974	887
Vallecito	126	60	30	57

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Animas	6	74	117
Dolores	4	61	104
San Juan	5	73	118

* 1958-1972 period.

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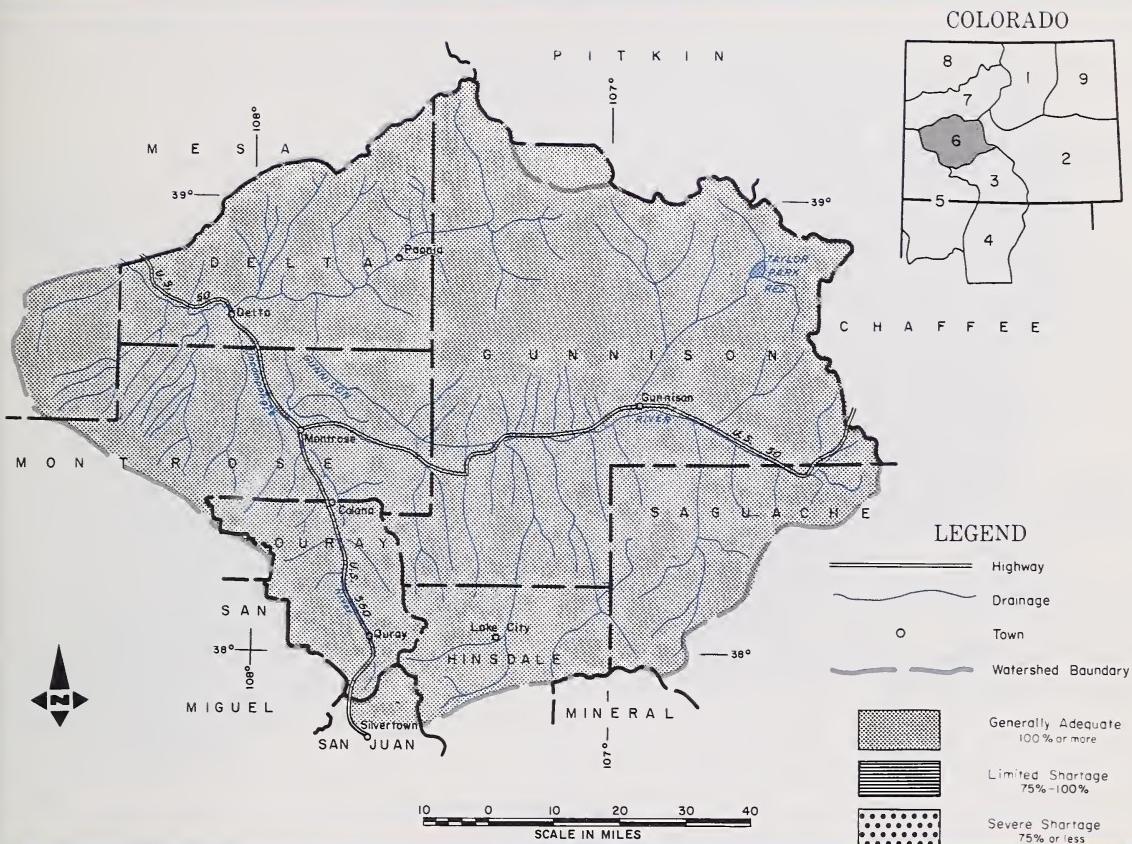


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**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
GUNNISON RIVER WATERSHED IN COLORADO**

as of
APRIL 1, 1976

**U.S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**



YOUR WATER SUPPLY

SUMMER FLOW OF THE GUNNISON RIVER AND ITS TRIBUTARIES SHOULD BE ABOVE NORMAL. THIS SHOULD PROVIDE ADEQUATE WATER TO ALL USERS. CARRYOVER STORAGE IS 120% OF NORMAL. BLUE MESA NOW CONTAINS 425,000 ACRE FEET. SOILS IN THE IRRIGATED AREA ARE REPORTED TO BE IN FAIR CONDITION.

This report prepared by

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DENVER, COLORADO

Issued by

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GRAND JUNCTION, COLORADO

U.S. DEPARTMENT OF AGRICULTURE — SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Gunnison River inflow to Blue Mesa Reservoir (1)	840	106	793
Gunnison River near Grand Junction (2)	1250	106	1184
North Fork of Gunnison (3)	280	106	263
Surface Creek near Cedaredge	15	94	16
Uncompahgre River at Colona	140	104	134

(1) Observed flow plus change in storage in Taylor Reservoir. (2) Observed flow plus change in storage in Blue Mesa, Morrow Point and Taylor Reservoirs.
 (3) Observed flow plus change in storage in Paonia Reservoir.

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Ohio Creek	Avg.	Fair
Slate River	Avg.	Fair
Taylor River	Avg.	Fair
Tomichi Creek	Avg.	Fair

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Blue Mesa	830	425	336	315
Morrow Point	121	115	115	114
Taylor	106	60	50	65

* 1958-1972 period.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Gunnison	12	72	95
Surface Creek	3	74	92
Uncompahgre	3	70	114

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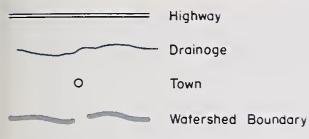
**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
COLORADO RIVER WATERSHED IN COLORADO**

as of

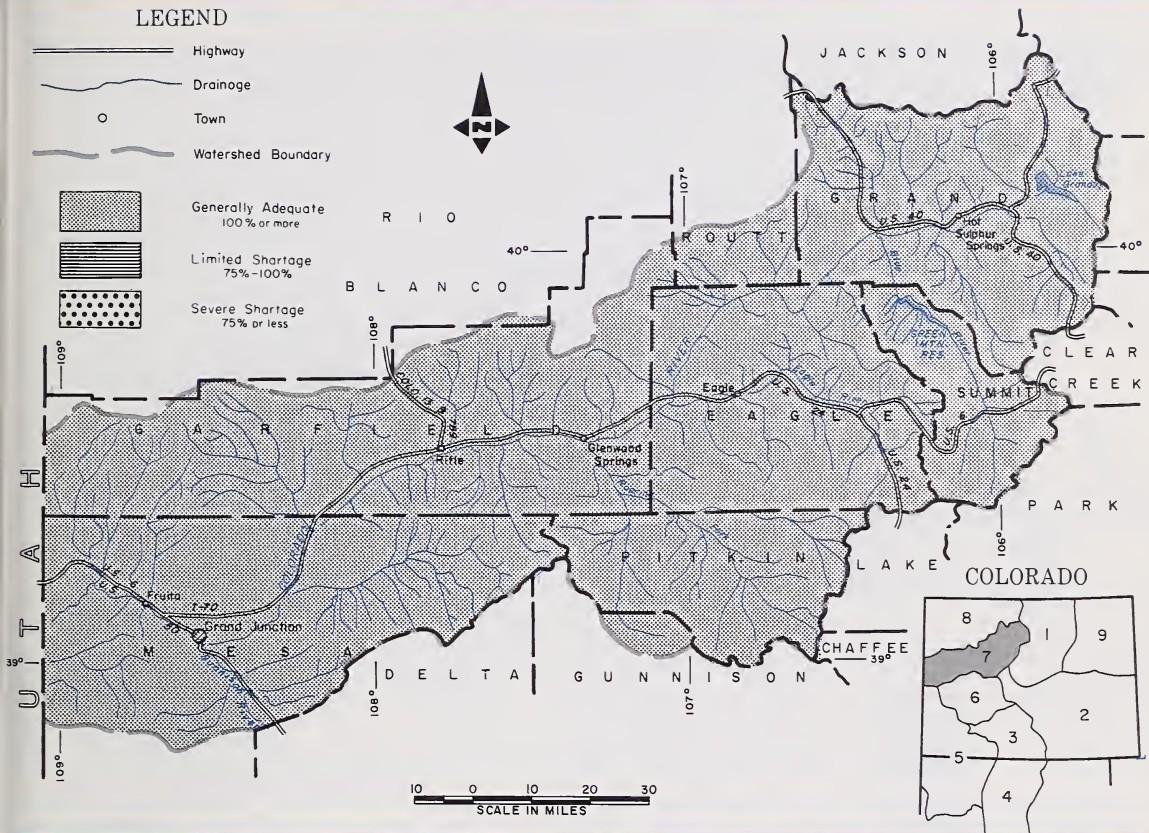
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**U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**

LEGEND



- Generally Adequate
100% or more
- Limited Shortage
75%-100%
- Severe Shortage
75% or less



YOUR WATER SUPPLY

THE COLORADO RIVER SNOWPACK REMAINED ABOUT NORMAL DURING MARCH. NEAR NORMAL STREAMFLOWS SHOULD RESULT. FORECASTS ARE MADE ASSUMING NORMAL PRECIPITATION FOR THE REMAINDER OF THE YEAR. AT LEAST A MONTH OF POSSIBLE SNOW BUILD-UP REMAINS. CARRYOVER STORAGE IS SLIGHTLY ABOVE NORMAL.

This report prepared by _____

JACK N. WASHICHEK—BERNARD A. SHAFER
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U.S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-C AST	% OF AVERAGE	AVERAGE *
Blue River inflow to Dillon Reservoir	135	80	169
Blue River inflow to Green Mountain Reservoir (1)	280	94	297
Colorado River near Cameo (6)	2350	99	2370
Colorado River near Dotsero (3)	1400	98	1434
Colorado River inflow to Granby Reservoir (2)	220	96	228
Roaring Fork at Glenwood Springs (4)	715	100	713
Williams Fork near Parshall (5)	55	87	63
Willow Creek inflow to Willow Creek Reservoir	47	100	47

(1) Observed flow plus diversions through Roberts Tunnel and change in storage in Dillon Reservoir. (2) Observed flow corrected for change in storage in Lake Granby as furnished by U.S.B.R. and diversions by Adams Tunnel and Grand River Ditch. (3) Observed flow plus the changes as indicated in (1), (2) and (5) plus Moffat Ditch and change in Homestake, Williams Fork, Green Mt., and Willow Creek Reservoirs. (4) Observed flow plus diversions through Divide and Twin Lakes Tunnels plus change in storage in Ruedi Reservoir. (5) Observed flow plus diversions through August P. Cumlik Tunnel. (6) Observed flow plus the changes as indicated in (3) and (4).

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Brush	Avg.	Avg.
Eagle River	Avg.	Avg.
Gypsum Creek	Avg.	Avg.

RESERVOIR STORAGE (Thousands Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Dillon	254	225	209	231
Granby	466	279	288	213
Green Mountain	139	58	62	54
Homestake	43	0	33	15
Ruedi	101	55	54	59
Vega	32	12	6	12
Williams Fork	97	42	34	25
Willow Creek	9	6	7	6

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Blue River	8	76	92
Colorado	20	84	94
Plateau	3	76	93
Roaring Fork	7	76	103
Williams Fork	3	83	93
Willow	2	88	97

* 1958-1972 period.

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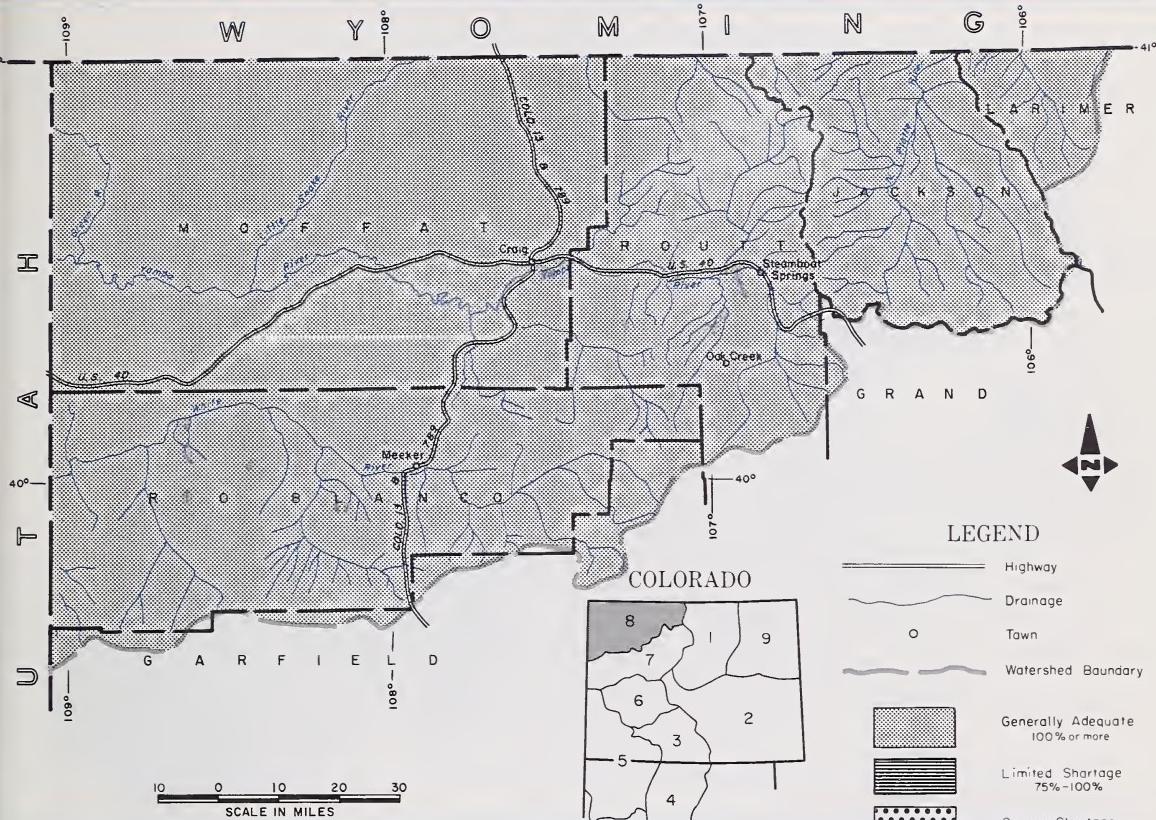


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**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
YAMPA, WHITE, AND NORTH PLATTE RIVER WATERSHEDS
IN COLORADO**

as of
APRIL 1, 1976

**U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO**



YOUR WATER SUPPLY

THE SNOWPACK IN NORTH CENTRAL AND NORTHWESTERN COLORADO IS JUST SLIGHTLY BELOW NORMAL. SUMMER FLOWS SHOULD STILL PROVIDE ADEQUATE WATER TO MOST USERS. EARLY SEASON FLOW SHOULD BE AT LEAST AVERAGE. SOIL MOISTURE CONDITIONS IN THE IRRIGATED AREAS ARE REPORTED AS FAIR. FORECASTS ARE BASED ON NORMAL CLIMATIC CONDITIONS FOR THE REMAINDER OF THE YEAR. AT LEAST ONE MORE MONTH REMAINS WHEN SNOW COULD ACCUMULATE AT HIGH ELEVATIONS.

This report prepared by _____

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GRAND JUNCTION, COLORADO

U.S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Elk River at Clark	180	91	198
Laramie River near Woods	127	100	127
Little Snake River at Lily	300	93	324
North Platte River at Northgate	216	90	240
White River near Meeker	285	97	295
Yampa River near Maybell	790	87	905
Yampa River at Steamboat Springs	230	84	274

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Canadian River	Avg.	Avg.
Hunt Creek	Avg.	Avg.
Illinois River	Avg.	Avg.
Michigan River	Avg.	Avg.
Oak Creek	Avg.	Avg.
Trout Creek	Avg.	Avg.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Elk	2	72	89
Laramie	3	112	105
North Platte	5	89	101
White	2	82	100
Yampa	6	72	87

* 1958-1972 period.

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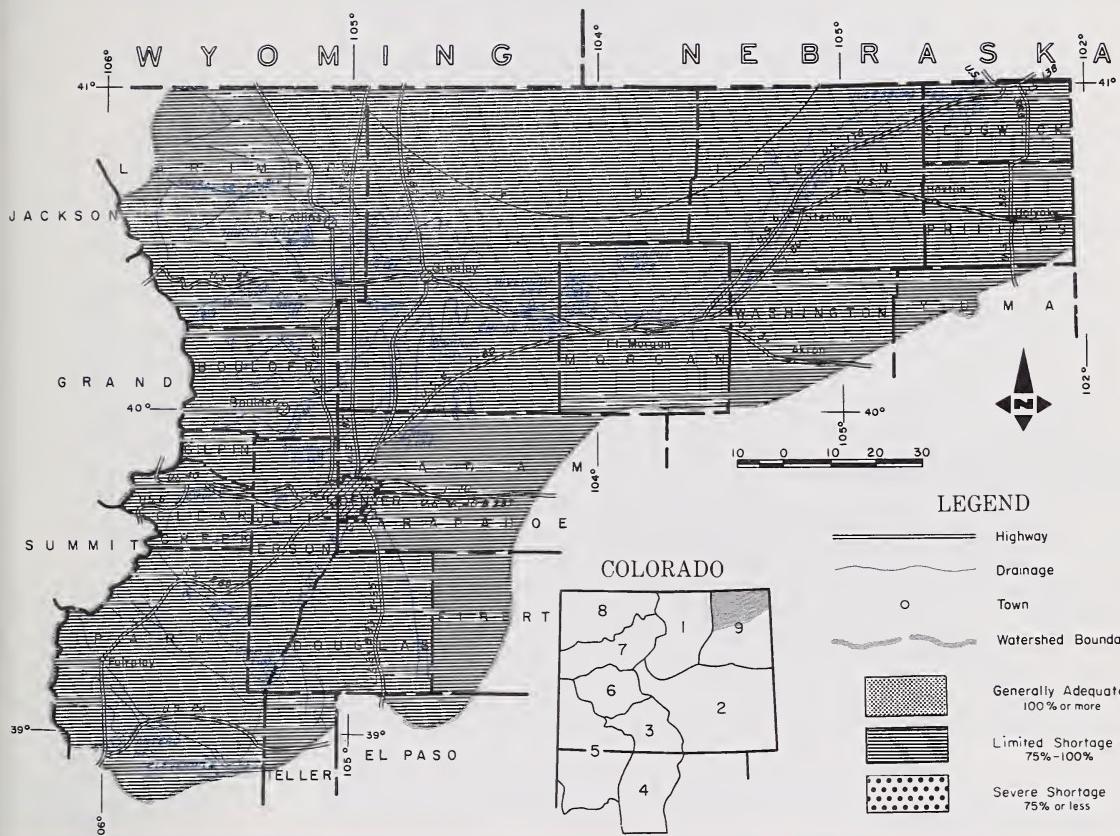
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**WATER SUPPLY OUTLOOK
FOR THE SOIL CONSERVATION DISTRICTS IN THE
LOWER SOUTH PLATTE RIVER WATERSHED IN COLORADO**

of

as of
APRIL 1, 1976

U. S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

Snowfall was light during March over all of the South Platte Basin.

FORECASTS WERE DROPPED BELOW NORMAL ON THE MAINSTEM AND ALL THE NORTHERN TRIBUTARIES. EXPECTED STREAMFLOW RANGES BETWEEN 70% AND 97% OF THE 15-YEAR NORMAL. EARLY FLOWS SHOULD BE ABOUT NORMAL, BUT LATE SEASON FLOWS WILL BE LOW, EXPECIALLY BELOW GREELEY. CARRYOVER RESERVOIR STORAGE IS NORMAL.

This report prepared by

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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average*
Big Thompson River at Drake (1)	92	86	107
Boulder Creek at Orodell	36	73	49
Cache La Poudre River at Canyon Mouth (2)	240	97	247
Clear Creek at Golden (3)	89	70	127
Saint Vrain Creek at Lyons (4)	60	80	75

(1) Observed flow plus by-pass to power plants. (2) Observed flow minus trans-basin diversions plus municipal and irrigation diversions. (3) Observed flow minus diversion through August P. Gumlick Tunnel. (4) Observed flow plus change in storage in Price Reservoir.

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
South Platte from Greeley to Fort Morgan	Fair	Poor
South Platte from Fort Morgan to Sterling	Fair	Poor
South Platte below Sterling	Fair	Poor

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average*
Big Thompson	5	86	91
Boulder	3	78	82
Cache La Poudre	7	99	104
Clear Creek	6	69	81
Saint Vrain	3	75	82
South Platte	3	70	95

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average*
Carter	109	102	107	95
Cheesman	79	47	44	59
Eleven Mile	98	97	97	88
Empire	38	32	32	33
Horsetooth	144	121	103	111
Jackson	35	32	32	34
Julesburg	28	23	23	22
Point of Rocks	70	69	71	66
Prewitt	33	27	27	23
Riverside	58	58	52	58

* 1958-1972 period.

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APPENDIX I

SNOW COURSE MEASUREMENTS as of APRIL 1, 1976

SNOW COURSE	CURRENT INFORMATION			PAST RECORD		SNOW COURSE	CURRENT INFORMATION			PAST RECORD	
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES) LAST YEAR	Avg 58-72		DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES) LAST YEAR	Avg 58-72
NORTH PLATTE BASIN											
<u>Laramie River</u>						<u>Cucharas River</u>					
Deadman Hill	3/31	49	15.3	14.2	16.8	Apishapa	3/30	26	8.4	10.6	---
McIntyre	3/28	40	11.3	11.1	10.8	Cucharas Creek	3/30	42	10.0	12.9	---
Roach	3/28	67	21.5	17.8	18.2	La Veta Pass (B)	3/30	36	7.7	13.4	7.4
<u>North Platte River</u>						<u>Purgatoire River</u>					
Cameron Pass	3/29	84	33.8	31.9	28.7	Bourbon	3/30	34	6.6	11.3	7.0
Columbine Lodge	3/25	58	20.3	29.5	24.0	RIO GRANDE BASIN-COLO					
Northgate	3/29	22	5.6	5.8	6.5	<u>Alamosa River</u>					
Park View	3/30	34	9.7	10.7	9.2	Silver Lakes	4/01	21	6.7	10.3	5.3
Willow Cr. Pass (B)	3/30	41	12.2	14.0	12.7	Summitville	3/29	76	23.4	25.8	18.6
SOUTH PLATTE BASIN						<u>Conejos River</u>					
<u>Boulder Creek</u>						Cumbres	3/26	52	18.5	24.5	18.0
Baltimore	3/29	21	5.6	7.7	6.8	La Manga	3/26	63	21.0	27.6	---
Boulder Falls	3/29	46	11.8	14.0	13.4	Platoro	3/30	64	20.3	22.4	16.3
University Camp	3/29	58	15.0	20.0	19.3	River Springs	3/30	12	3.8	9.4	4.6
<u>Big Thompson River</u>						<u>Culebra River</u>					
Deer Ridge	3/29	20	4.6	5.2	4.8	Brown Cabin	3/31	5	1.6	12.2	---
Hidden Valley	3/30	38	10.9	10.1	10.5	Cottonwood (B)	NS	--	--	--	--
Lake Irene (B)	3/28	59	19.5	21.6	20.9	Culebra	3/30	38	7.7	12.6	8.4
Long's Peak	3/29	39	8.9	13.5	10.9	La Veta Pass (B)	3/30	36	7.7	13.4	7.4
Two Mile	3/30	46	12.8	15.3	15.1	Trinchera (B)	3/31	32	7.7	10.5	---
<u>Cache La Poudre</u>						<u>Rio Grande</u>					
Bennett Creek	3/30	28	6.7	6.4	---	Cochetopa Pass	3/29	23	5.0	9.6	5.9
Big South	3/29	3	0.6	2.6	2.1	Grayback	3/29	64	20.0	21.7	---
Cameron Pass	3/29	84	33.8	31.9	28.7	Hiway	3/29	93	29.6	34.7	23.8
Chambers Lake	3/29	29	9.9	12.1	9.6	Lake Humphrey	3/31	29	9.5	10.8	6.1
Deadman Hill	3/31	49	15.3	14.2	16.8	Love Lake	3/30	38	12.1	14.3	---
Hourglass Lake	3/30	27	7.6	6.6	6.7	Pass Creek	3/29	50	15.9	18.2	9.8
Joe Wright	3/29	72	23.4	26.6	---	Pool Table	3/30	25	5.8	6.4	6.1
Lost Lake	3/29	40	11.9	12.9	11.8	Porcupine	3/29	36	10.4	16.7	10.5
Red Feather	3/31	24	7.0	6.3	6.9	Santa Maria	3/30	13	3.2	10.6	3.6
<u>Clear Creek</u>						Upper Rio Grande	3/30	29	8.7	14.2	7.5
Baltimore (B)	3/29	21	5.6	7.7	6.8	Wolf Creek Pass	3/29	96	33.2	39.4	25.5
Berthoud Falls	3/29	38	10.4	17.4	13.6	Wolf Cr. Summit (B)	3/20	102	32.0	41.6	28.3
Empire	3/29	25	6.4	10.4	7.8	RIO GRANDE BASIN-NM					
Grizzly Peak (B)	3/26	51	15.3	22.3	18.9	<u>Pecos River</u>					
Loveland Lift	3/26	50	15.1	20.8	21.1	Panchuela	3/29	2	0.3	4.1	2.0
Loveland Pass	3/26	45	15.1	19.6	15.7	<u>Rio Chama</u>					
<u>St. Vrain River</u>						Bateman	3/25	34	11.4	17.1	11.7
Copeland Lake	3/29	16	3.3	6.3	4.4	Capulin	3/26	1	0.5	7.2	2.7
Ward	3/30	27	5.1	5.9	6.5	Capulin Peak	3/26	4	1.2	7.5	3.4
Wild Basin	3/29	37	9.8	12.2	11.2	Chama Divide	3/26	0	0.0	6.7	1.7
<u>South Platte River</u>						Chamita	3/24	26	8.2	16.4	7.2
Como	3/30	27	6.6	8.9	---	<u>Rio Grande</u>					
Geneva Park	3/27	16	3.6	5.0	3.8	Alamitos	3/26	10	3.9	10.4	---
Horseshoe Mt.	3/29	38	9.6	16.2	---	Big Tesuque	3/30	12	2.8	8.8	4.6
Hoosier Pass	3/31	42	11.7	17.5	12.9	Cordova	3/26	34	8.9	11.5	10.1
Jefferson Creek	3/30	35	9.4	12.9	9.2	Elk Cabin	3/29	5	1.1	3.5	2.5
Mosquito	3/30	31	8.4	14.2	---	Hopewell	3/23	53	19.7	20.5	---
Trout Creek Pass	3/29	22	4.7	6.7	---	La Cueva	3/29	6	1.8	10.7	---
ARKANSAS BASIN						Pajarito	3/30	0	0.0	0.2	0.0
<u>Arkansas River</u>						Pajarito Peak	3/30	0	0.0	2.1	0.3
Bigelow Divide	3/29	33	8.2	9.5	6.5	Palo	3/30	27	8.0	9.7	---
Cooper Hill (B)	4/02	41	11.1	14.4	11.3	Payrole	3/29	19	6.0	13.6	6.8
East Fork	3/30	34	9.7	12.3	9.8	Quemazon	3/31	21	5.7	14.4	9.0
Four Mile Park	3/30	26	6.9	10.4	5.1	Rio En Medio	3/30	27	6.8	12.4	7.4
Fremont Pass	3/30	56	16.9	18.2	16.2	Sandoval	3/31	8	2.1	8.6	4.2
Garfield	3/31	33	10.8	19.9	13.0	Senorita Divide	3/30	4	1.1	12.9	---
Hermit Lake	3/30	37	7.8	16.1	---	Taos Canyon	3/30	18	4.9	7.4	3.9
Monarch Pass	3/31	44	12.9	24.4	17.1	Tres Ritos	3/26	14	4.6	8.0	4.8
Tennessee Pass	3/30	38	10.8	13.5	10.6	<u>Rio Hondo</u>					
Twin Lakes Tunnel	3/26	36	10.0	14.8	10.7	Taos Powderhorn	3/31	79	29.7	32.1	---
Westcliffe	3/30	28	6.4	13.2	6.3	<u>Red River</u>					

NOTE: NS - No Survey

(B) - On Adjacent Drainage

APPENDIX I

SNOW COURSE MEASUREMENTS as of APRIL 1, 1976

SNOW COURSE	DATE OF SURVEY	CURRENT INFORMATION		PAST RECORD	
		SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES) LAST YEAR	AVG. 58-72
SAN JUAN-DOLORES BASIN					
<u>Animas River</u>					
Cascade	3/30	40	15.1	19.5	10.2
Lemon #2	3/31	24	8.7	19.4	---
Mineral Creek	3/30	46	15.8	24.6	15.4
Molas Lake	3/30	40	14.6	20.0	12.6
Purgatory	3/30	62	23.6	31.1	---
Red Mt. Pass (B)	3/30	87	32.8	41.5	31.5
Silverton Sub-Sta.	3/30	25	9.8	13.5	5.2
Spud Mountain	3/30	65	26.9	36.1	23.1
<u>Dolores River</u>					
Lizard Head	3/29	51	17.8	25.8	17.2
Lone Cone	3/30	56	20.6	22.1	---
Ophir Loop	3/29	46	12.0	---	---
Rico	3/29	15	4.6	12.2	6.1
Telluride	3/29	25	8.0	13.5	6.5
Trout Lake	3/29	44	14.7	22.6	13.7
<u>San Juan River</u>					
Chama Divide (B)	3/26	0	0.0	6.7	1.7
Chamita (B)	3/24	26	8.2	16.4	7.2
Upper San Juan	3/29	98	34.2	43.5	28.6
Wolf Cr. Pass (B)	3/29	96	33.2	39.4	25.5
Wolf Cr. Summit	3/29	102	32.0	41.6	28.3
GUNNISON BASIN					
<u>Gunnison River</u>					
Alexander Lake	3/30	58	21.1	26.5	22.8
Blue Mesa	3/30	28	8.1	11.7	7.2
Butte	3/31	41	14.0	17.9	---
Cochetopa Pass (B)	3/29	23	5.0	9.6	5.9
Crested Butte	3/31	43	14.2	18.0	13.0
Keystone	3/31	53	19.5	25.3	20.0
Lake City	3/30	27	7.0	10.7	8.0
Mesa Lakes (B)	3/25	46	15.3	22.5	17.6
McClure Pass	3/30	47	16.9	22.6	15.1
Park Cone	3/30	40	11.3	12.7	10.6
Park Reservoir	3/26	74	22.5	30.1	23.8
Porphyry Creek	3/31	51	14.1	22.6	16.9
Tomichi	3/31	39	10.5	18.2	12.6
<u>Surface Creek</u>					
Alexander Lake	3/30	58	21.1	26.5	22.8
Mesa Lakes	3/25	46	15.3	22.5	17.6
Park Reservoir	3/26	74	22.5	30.1	23.8
<u>Uncompahgre River</u>					
Ironton Park	3/30	44	14.3	23.7	10.2
Red Mountain Pass	3/30	87	32.8	41.9	31.5
Telluride (B)	3/29	25	8.0	13.5	6.5
COLORADO BASIN					
<u>Blue River</u>					
Blue River	3/31	29	8.0	10.8	8.5
Fremont Pass	3/30	56	16.9	18.2	16.2
Frisco Pass	3/26	26	6.8	10.6	7.4
Grizzly Peak	3/26	51	15.3	22.3	18.9
Hoosier Pass (B)	3/31	42	11.7	17.5	12.9
Shrine Pass	3/30	57	16.7	20.9	18.1
Snake River	3/26	25	7.0	8.7	7.9
Summit Ranch	3/31	24	6.6	8.5	7.1

SNOW COURSE	DATE OF SURVEY	CURRENT INFORMATION		PAST RECORD	
		SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES) LAST YEAR	AVG. 58-72
Colorado River					
Arrow	3/30	46	13.9	16.2	13.2
Berthoud Pass	3/30	48	14.0	15.9	15.9
Berthoud Summit	3/29	55	16.1	19.2	19.7
Cooper Hill	4/02	41	11.1	14.4	11.3
Fiddler Gulch	4/01	47	13.5	16.6	14.5
Glenmar Ranch	3/30	30	8.8	10.4	8.5
Gore Pass	3/31	34	11.5	13.4	10.2
Grand Lake	3/28	31	8.0	8.8	8.2
Lake Irene	3/28	59	19.5	21.6	20.9
Lapland	3/30	28	8.0	11.3	10.4
Lulu	3/31	59	19.4	21.6	18.7
Lynx Pass	3/31	42	13.8	16.8	12.8
McKenzie Gulch	3/30	24	6.8	9.2	5.0
Middle Fork	3/30	31	8.7	10.9	9.9
Milner	3/28	36	11.3	12.6	13.6
North Inlet	3/29	26	7.2	8.6	8.7
Pando	3/30	35	9.7	13.1	10.3
Phantom Valley	3/28	28	8.3	10.3	10.8
Ranch Creek	3/30	36	8.6	9.2	9.9
Tennessee Pass (B)	3/30	38	10.8	13.5	10.6
Vail Pass	Destroyed	---	---	18.6	17.3
Vasquez	3/30	43	11.7	12.8	12.9
Roaring Fork					
Aspen	3/28	58	18.7	21.4	17.1
Independence Pass	3/26	47	15.0	20.2	17.5
Ivanhoe	3/29	62	18.1	21.7	18.1
Kilm	3/29	48	13.7	16.8	---
Lift	3/28	52	17.0	26.3	17.8
McClure Pass	3/30	47	16.9	22.6	15.1
Nast	3/29	24	6.5	9.9	5.6
North Lost Trail	3/30	45	16.3	19.8	14.6
Williams Fork River					
Glenmar Ranch	3/30	30	8.8	10.4	8.5
Jones Pass	3/30	50	14.0	16.7	15.5
Middle Fork	3/30	31	8.7	10.9	9.9
Willow Creek					
Granby	3/30	26	7.3	8.1	7.5
Willow Cr. Pass	3/30	41	12.2	14.0	12.7
Plateau Creek					
Mesa Lakes	3/25	46	15.3	22.5	17.6
Park Reservoir	3/26	74	22.5	30.1	23.8
Trickle Divide	3/26	80	25.0	30.2	25.9
YAMPA BASIN					
Elk River					
Elk River	3/25	47	15.4	21.2	17.8
Hahn's Peak	3/25	40	12.7	17.9	13.7
White River					
Burro Mountain	3/30	56	19.1	21.9	17.2
Rio Blanco	3/29	46	13.9	18.3	15.7
Yampa River					
Bear River	3/26	42	11.6	13.7	11.2
Columbine (B)	3/25	58	20.3	29.5	24.0
Crosho	3/26	46	13.4	16.5	---
Dry Lake	3/29	53	17.0	23.1	20.0
Lynx Pass (B)	3/31	42	13.8	16.8	12.8
Rabbit Ears	3/25	59	19.4	30.0	25.9
Tower	3/29	114	40.2	54.5	---
Yampa View	3/25	41	12.6	18.4	14.6

NOTE: NS - No Survey

(B) - On Adjacent Drainage

LIST of COOPERATORS

The following organizations cooperate in snow surveys for the Colorado, Platte, Arkansas and Rio Grande watersheds. Many other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.

STATE

Colorado State Engineer
New Mexico State Engineer
Nebraska State Engineer
Colorado State University Experiment Station
Rocky Mountain Forest and Range Experiment Station

FEDERAL

Department of Agriculture

Forest Service
Soil Conservation Service

Department of Interior

Bureau of Reclamation
Geological Survey
National Park Service
Indian Service

Department of Commerce

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Arkansas Valley Ditch Association
Colorado River Water Conservation District

IRRIGATION PROJECTS

Farmers Reservoir and Irrigation Company
San Luis Valley Irrigation District
Santa Maria Reservoir Company
Costilla Land Company
Uncompahgre Valley Water Users' Association
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